

NEW JERSEY WEEKLY CROP WEATHER

New Jersey Agricultural Statistics Service

In Cooperation With:

U.S. Department of Agriculture National Agricultural Statistics Service Agricultural Marketing Service U.S. Department of Commerce/N.O.A.A. Rutgers University Volume 65 No. 01 Date: April 7, 2003

NOAA WEATHER RADIO STATIONS

Allentown

WXL-39 on the VHF-FM frequency of 162.40 Megahertz. **Atlantic City**

KHB-38 on the VHF-FM frequency of 162.40 Megahertz. **New York City**

KWO-35 on the VHF-FM frequency of 160.55 Megahertz. **Philadelphia** KIH-28 on the VHF-FM

frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland

Phone: (856)691-0721

Sales 10:00AM Daily except Sunday.

Landisville

Phone: (856)697-2273 Direct Sales Daily **Swedesboro** Phone: (856)476-0313

Hightstown Phone: (609)448-0193

Auction Sales Mon-Wed-Fri-7pm

Climate summary for the week ending 8am 04/07/03

Temperatures averaged much below normal. Extremes were 76 degrees at Downstown, on April 3, 2003, and 19 degrees at Charlotteburg on April 1, 2003.

Weekly rainfall averaged 0.38 inches north, 0.15 inches central, and 0.04 inches south. The heaviest 24 hour total reported was 0.21 inches at Charlotteburg on April 1, 2003, through April 2, 2003.

Estimated soil moisture, in percent of field capacity, this past week averaged 99 percent north, 97 percent central, and 86 percent south.

Four inch soil temperatures averaged 42 degrees north, 44 degrees central, and 47 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 04/07/03

Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil
	Last	Since March 1		Last Week				1/		Moisture2/
	Week	Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*]
		- Inches -			- Deg	rees -		- Base	50°F -	
				N	ORTH					
Belvidere Bridge	.37	4.01	73	71	21	41	-6	20	20	99
Canoe Brook	.37	5.43	02	60	25	41	-5	31	31	100
Charlotteburg	.39	5.64	.53	63	19	36	-8	3	3	100
Flemington	.34	4.94	18	72	23	42	-5	41	41	97
Long Valley	.41	5.24	20	64	22	40	-5	8	8	100
Newton	.38	4.44	01	68	21	38	-7	24	24	100
				CE	NTRAL					
Freehold	.25	4.40	90	61	24	42	-6	56	56	99
Long Branch	.07	3.79	-1.72	51	26	41	-7	27	27	93
New Brunswick	.23	4.84	08	60	26	42	-6	42	42	99
Pemberton		DATA NOT AVAILABLE								
Toms River	.11	3.18	-2.02	55	23	42	-6	50	50	93
Trenton	.10	4.39	42	68	22	40	-10	37	37	95
				S	DUTH					
A.C. Marina	.00	3.28	-1.16	58	31	44	-5	25	25	91
Cape May C.H.	.01	4.14	54	68	31	44	-5	29	29	78
Downstown	.00	2.93	-1.86	76	26	45	-5	59	59	68
Glassboro	.05	4.55	47	75	30	46	-4	60	60	88
Hammonton	.01	2.69	-2.13	75	28	46	-4	63	63	65
Pomona	.00	4.21	58	65	26	44	-4	41	41	92
Seabrook	.21	4.55	.35	75	30	48	-2	73	73	94
South Harrison	.07	4.87	.26	75	30	46	NA	68	NA	NA

^{*}Departure from normal.

^{1/} Growing degree days since March 1, 2003, total and departure from normal or long term average.

^{2/} Estimated soil moisture as % of field capacity based on climate data.

AGRICULTURE

Days suitable for field work were 3.6. Wet soils are impeding soil preparation. There was little precipitation and temperatures were below normal in most parts of the state. Top soil moisture was rated 47% adequate and 53% surplus. Winter wheat and barley were rated mostly in fair condition, but some fields were being abandoned due to poor germination. There was some top dressing, limestone application, and weed control being done in small grains. Hay fields were in fair to good condition. Vegetable producers were planting spinach, endive, escarole, cabbage, sweet corn, lettuce, and peas. Peppers and tomatoes were in greenhouses. Strawberries started blooming. Blueberries had green tissue beginning to show. Orchard operators were pruning and doing maintenance work. Fruit development was behind schedule, and there was little green tip showing on apples. Pastures were muddy, and soil was cool. Christmas tree planting was underway.

SOIL MOISTURE TABLE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR	
VERY SHORT	0%	0%	0%	
SHORT	0%	0%	0%	
ADEQUATE	47%	66%	100%	
SURPLUS	53%	34%	0%	